

California OES Weather Threat Briefing

Monday, August 5, 2019
9:00 AM PDT

Day 1: Hot with high risk for heat related impacts across portions of the Southern Region inland valleys and deserts today. No significant weather elsewhere.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

08/05/19 - 08/11/19

Monday-Tuesday

- Widespread high to very high risk for heat related impacts expected across the Southern Region inland valleys and deserts Monday, with slightly cooler weather Tuesday
- Warm, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of the Inland areas with locally gusty onshore winds this week

Wednesday-Saturday

- Cooling trend toward near normal temperatures will occur into mid-week
 - Moderate heat impacts expected to continue in portions of the San Joaquin Valley and inland valleys and desert portions of the Southern Region
- Very slight chance for isolated thunderstorms over the high Sierra and southeast portions of CA each day, but any impacts are expected to remain minimal
- Cooling trend continues Wednesday-Saturday, with moderate heat risk mainly confined to Southern Region



CALIFORNIA WEATHER IMPACTS

08/05/19 - 08/11/19

| <u>Hazards / Day</u> | MON | TUE | WED | THU | FRI | SAT | SUN |
|---|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| Non-Thunderstorm Damaging Winds | | | | | | | |
| Snow | | | | | | | |
| Coastal Flooding | | | | | | | |
| River Flooding | | | | | | | |
| Thunderstorms (Wind / Hail / Tornadoes) | | High Sierra /SE CA | High Sierra /SE CA | High Sierra /SE CA | High Sierra /SE CA | High Sierra/SE CA | High Sierra/SE CA |
| Fire Weather (Low Humidity / Wind / Dry Thunderstorms) | All Regions | All Regions | All Regions | All Regions | All Regions | All Regions | All Regions |
| Heat Risk | Inland/ Southern | Inland/ Southern | Southern | Southern | Southern | Southern | Southern |
| Heavy Rain / Flash Flooding / Debris Flow | | | | | | | |
| Extreme Cold | | | | | | | |



No Impacts



Minimal Impacts

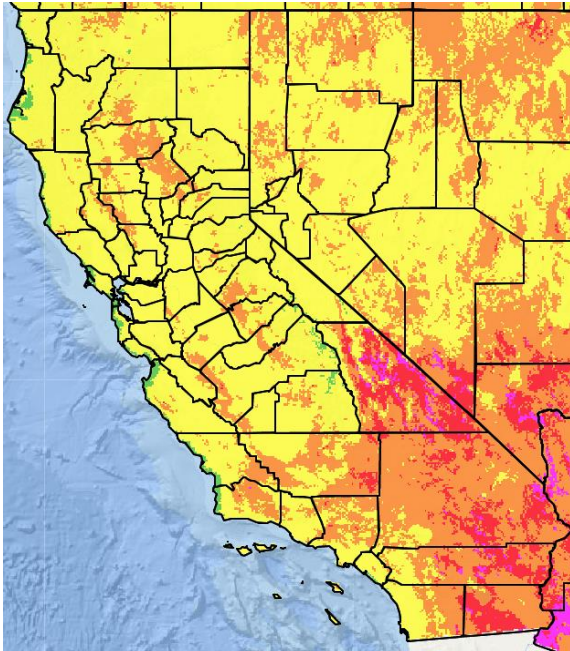


Moderate Impacts

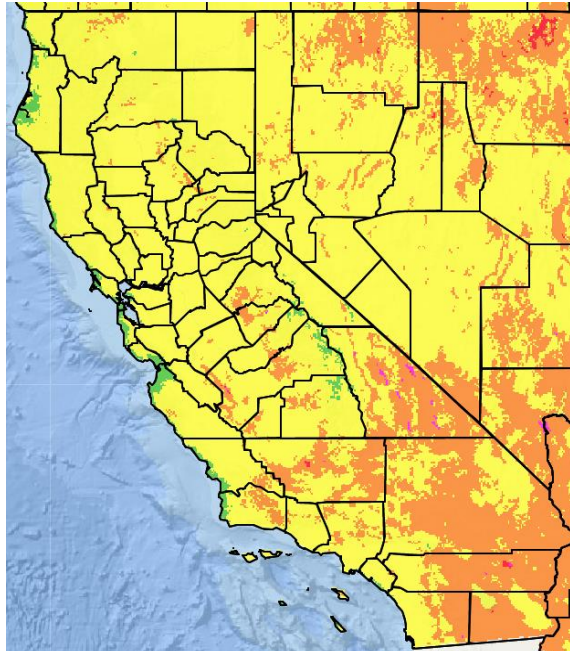


Severe Impacts

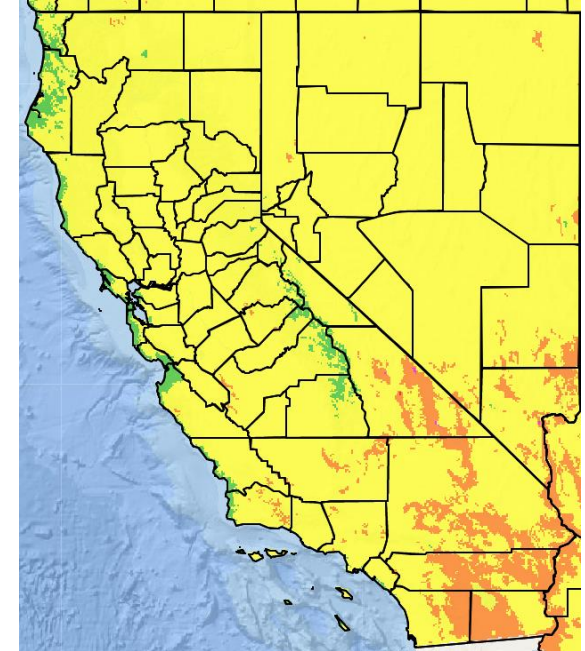
EXPERIMENTAL HEAT RISK FORECAST



Monday, August 5



Tuesday, August 6



Wednesday, August 7

| Category | Level | Meaning |
|----------|-------|---|
| Green | 0 | No Elevated Risk |
| Yellow | 1 | Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Orange | 2 | Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration |

| Category | Level | Meaning |
|----------|-------|---|
| Red | 3 | High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration |
| Magenta | 4 | Very High Risk for entire population due to long duration heat, with little to no relief overnight |

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

08/10/19 - 08/18/19

6-10 Day Outlook (August 10 – August 14)

Temperatures

- Above normal temperatures favored statewide

Precipitation

- Weak signal for above normal precipitation far northern CA, with near normal precipitation expected across the remainder of the state

8-14 Day Outlook (August 12 – August 18)

Temperatures

- Above normal temperatures favored statewide

Precipitation

- Weak signal above normal precipitation for the northern third of CA, with near normal precipitation expected across the remainder of the state



Information provided by:

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